

INTERNATIONAL SEARCH REPORT

 International application No.
 PCT/AU03/00796

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: B29C 70/46, 70/20, 70/22, B32B 5/12, A61F 2/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4568582 A (KIKUZAWA et al) 4 February 1986 Column 8 line 8 – column 9 line 25, column 11 line 12 – column 12 line 13	1-13, 18, 27-28
Y	US 4031181 A (SCHAEFER et al) 21 June 1977 Column 7 lines 23-52, column 8 line 17-31, Figure 15	14-17 and 19-26
X	GB 1364076 A (BRITISH AIRCRAFT CORPORATION LIMITED) 21 August 1974	1-13, 18, 27-28
Y	Whole document	14-17 and 19-26

 Further documents are listed in the continuation of Box C See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"B" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

1 August 2003

Date of mailing of the international search report

04 SEP 2003

Name and mailing address of the ISA/AU

 AUSTRALIAN PATENT OFFICE
 PO BOX 200, WODEN ACT 2606, AUSTRALIA
 E-mail address: pct@ipaaustralia.gov.au
 Facsimile No. (02) 6285 3929

Authorized officer

M. BREMERS

Telephone No : (02) 6283 2052

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/00796

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4413860 A (PRESCOTT) 8 November 1983 Abstract, column 3 lines 27-32	1-13, 18, 27-28
Y	Derwent Abstract Accession No. 2002-282553/33, classes A32 E11 EP 1074369 A (MICHELIN RECH & TECH) 7 February 2001 Abstract (&EP 1074369 A)	14-17 and 19-26
X	Derwent Abstract Accession No. 85-078927/13, classes A97 K08 JP 60032615 A (MITSUBISHI RAYON KK) 19 February 1985 Abstract	1-13, 18, 27-28
Y	Derwent Abstract Accession No. 88-143594/21, class P73 JP 63084932 A (CIBA GEIGY AG) 15 April 1988 Abstract	14-17 and 19-26
X	US 5746773 A (LITTIG) 5 May 1998 Column 3 lines 38-54, Example	1-13, 18, 27-28
Y	WO 96/08216 A (M+IND) 21 March 1996 Claims 26-28, 32	14-17 and 19-26
X	US 4376749 A (WOELFEL) 15 March 1983 Column 2 line 48 – column 3 line 25	1-14, 18, 27-28
Y	Derwent Abstract Accession No. 92-214140/26, class A32 JP 04144712 A (KUSUO S) 19 May 1992 Abstract	15-17 and 19-26
X	CA 2035551 A (SOMAR CORP) 10 August 1991 Page 4 lines 7-24	13 and 28
Y	US 4167429 A (ACKLEY) 11 September 1979 Column 3 line 65 – column 4 line 11	27 2 and 3
Y	US 4959073 A (MERLETTTE) 25 September 1990 Whole document	2
Y	US 4547913 A (PHILLIPS) 22 October 1985 Whole document	14-26

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00796

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
US	4568582	AU	25123/84	DE	3407229	FR	2541620
		JP	59156718	JP	60011346		
US	4031181	JP	49015534	US	3840230	US	3889951
		US	3856603				
GB	1364076	NONE					
US	4413860	NONE					
EP	1074369	BR	200003354	JP	2001088222		
JP	60032615	NONE					
JP	63084932	NONE					
US	5746773	NONE					
WO	9608216	EP	729326	US	5571207		
US	4376749	CA	1130344	CA	1154053	DE	3006227
		FR	2449542	GB	2045700	GB	2117695
		GB	2117696	JP	55133949	US	4294490
		US	4294639	CA	1130345	CA	1154054
		US	4514013	US	4583933		
JP	4144712	NONE					
CA	2035551	JP	3234506	US	5208090		
US	4167429	US	4211818				
US	4959073	NONE					
US	4547913	NONE					

END OF ANNEX